



PATENT  
Docket: P-11209.07

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

---

Applicant(s): Robert W. Olsen, et al	)	Art Unit: 3761
	)	
Serial No.: 10/743,116	)	Examiner: Leslie R. Deak
	)	
Filed: 12-22-2003	)	
	)	
For:		ACTIVE AIR REMOVAL SYSTEM OPERATING MODES OF AN EXTRACORPOREAL BLOOD CIRCUIT

---

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

10/10/2006 CHEGA1 00000019 132546 10743116  
02 FC:1806 100.00 DA  
03 FC:1201 000.00 DA

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

The filing of this supplemental information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

This information disclosure statement includes some documents from the pending *Cardiovention v. Medtronic* lawsuit in Federal Court in Minnesota. Cardiovention has said the following in court papers:

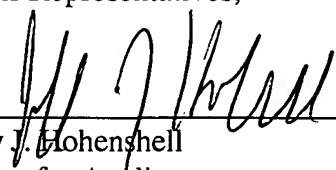
Cardiovention first presented the CORx disposable IOS without a confidentiality agreement at a trade show on January 24, 2002, accompanied by a short animated video. Later,

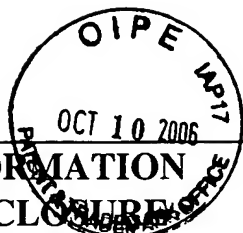
similar information regarding the CORx disposable was placed on CardioVention's website. CardioVention first sold the CORx disposable IOS internationally to a German distributor in November 2001. However, the CORx disposable IOS was not offered or sale to the public in Europe until March 2002 and first sold in the United States on April 17, 2002, after it received FDA clearance.

Please charge the fee of \$180.00 pursuant to 37 C.F.R. Section 1.17(p) for the submission of this supplemental information disclosure statement to Deposit Account No. 13-2546.

Respectfully submitted,

Robert W. Olsen, et al  
By their Representatives,

By:   
Jeffrey J. Hohenshell  
Attorney for Applicant  
Registration No. 34,109  
Telephone: (763) 391-9661  
Customer No.: 27581


**INFORMATION  
DISCLOSURE  
STATEMENT**

Atty. Docket No.: P-11209.07

Serial No.: 10/743,116

Applicant(s): Olsen et al

Filing Date: 12-22-2003

Group: 3761

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	4,185,629	01-29-1980	Cullis et al.			
	4,710,165	12-01-1987	McNeil et al.			
	5,540,653	07-30-1996	Schock			
	5,984,892	11-16-1996	Bedingham			
	6,299,589	10-09-2001	Utterberg			
	6,306,346	10-23-2001	Lindsay			
	6,495,366	12-17-2002	Briggs			
	6,607,698	08-19-2003	Spears et al.			
	6,824,524	11-30-2004	Favre			
	6,890,316	05-10-2005	Rawles et al.			
	6,946,099	09-20-2005	Vijay et al.			
	7,022,284	04-04-2006	Brian, et al.			
	2002/0044889	04-18-2002	Aboul-Hosn et al.			
	2004/0195178	10-07-2004	Carpenter et al.			
	2004/0217054	11-04-2004	Olsen et al.			
	2004/0220509	11-04-2004	Olsen et al.			
	2004/0217054	11-04-2004	Olsen et al.			
	2005/0063860	03-24-2005	Carpenter et al.			

**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	SubClass	Translation	
					Yes	No
1 374 929	01-02-2004	EP				
2002/26288	04-04-2002	WO				
2005/067998	07-28-2005	WO				

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Declaration of Jorge Ojito in the matter of United States District Court, District of Minnesota, Civil File No. 04-CV-02669, CardioVention, Inc. v. Medtronic, Inc., executed November 22, 2005.

EXAMINER

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Atty. Docket No.: P-11209.07</b>	<b>Serial No.: 10/743,116</b>
		<b>Applicant(s): Olsen et al</b>	
		<b>Filing Date: 12-22-2003</b>	<b>Group: 3761</b>
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>			
		Curriculum Vitae of Jorge Ojito, Exhibit 1 to the Declaration of Jorge Ojito executed November 22, 2005 (5 pages).	
		Drawing of the Venous Pull Circuit dated July 1997, Exhibit 2 to the Declaration of Jorge Ojito executed November 22, 2005 (1 page).	
		Drawing from Katsura U.S. Patent No. 4,919,802, issued on April 24, 1990, Exhibit 3 to the Declaration of Jorge Ojito executed November 22, 2005 (2 pages).	
		Advertising brochure from COBE Cardiovascular for the Century Perfusion System circa 1997, Exhibit 4 to the Declaration of Jorge Ojito executed November 22, 2005 (4 pages).	
		Two pictures of an ultrasonic air sensor allegedly used on the Venous Pull Circuit in 1997 and 1998, Exhibit 5 to the Declaration of Jorge Ojito executed November 22, 2005 (2 pages).	
		Picture of the Venous Pull Circuit, Exhibit 6 to the Declaration of Jorge Ojito executed November 22, 2005 (1 page).	
		Ojito, et al., "Assisted Venous Drainage Cardiopulmonary Bypass in Congenital Heart Surgery," Ann. Thorac. Surg., 2001;71:1267-72, Exhibit 7 to the Declaration of Jorge Ojito executed November 22, 2005 (5 pages).	
		Custom Tubing Pack Specification, Exhibit 8 to the Declaration of Jorge Ojito executed November 22, 2005 (5 pages).	
		Medtronic Cardiopulmonary personnel business cards, Exhibit 9 to the Declaration of Jorge Ojito executed November 22, 2005 (1 page).	
		Circulacion Extracorporea presentation brochure, Exhibit 10 to the Declaration of Jorge Ojito executed November 22, 2005 (4 pages).	
		Certificate of participation of Jorge Ojito, Exhibit 11 to the Declaration of Jorge Ojito executed November 22, 2005 (2 pages).	
		AmSECT Region XI Annual Fall Meeting agenda, Exhibit 12 to the Declaration of Jorge Ojito executed November 22, 2005 (2 pages).	
		PowerPoint presentation regarding Assisted Venous Drainage Cardiopulmonary Bypass: Safety and Efficacy in Congenital Heart Surgery, Jorge W. Ojito, Exhibit 13 to the Declaration of Jorge Ojito executed November 22, 2005 (48 pages).	
		United States Patent 6,302,860, Exhibit 14 to the Declaration of Jorge Ojito executed November 22, 2005 (5 pages).	
		United States Patent 6,524,267, Exhibit 15 to the Declaration of Jorge Ojito executed November 22, 2005 (5 pages).	
		Gremel I patent comparison chart, Exhibit 16 to the Declaration of Jorge Ojito executed November 22, 2005 (4 pages).	
		Gremel II patent comparison chart, Exhibit 17 to the Declaration of Jorge Ojito executed November 22, 2005 (5 pages).	
<b>EXAMINER</b>		<b>Date Considered</b>	
<p><b>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b></p>			

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.: P-11209.07</b>		<b>Serial No.: 10/743,116</b>
	<b>Applicant(s): Olsen et al</b>		
	<b>Filing Date: 12-22-2003</b>		<b>Group: 3761</b>
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>			
		Mueller, et al., "A new concept of integrated cardiopulmonary bypass circuit," European Journal of Cardio-thoracic Surgery 21 (2002) 840-846.	
		Morita, et al., "Closed Circuit Cardiopulmonary Bypass with Centrifugal Pump for Open-Heart Surgery: New Trial for Air Removal," Artificial Organs 2000; 24(6):442-445.	
		Jegger, et al., "Introduction & Description of CardioVention's CORx System. A replacement technology for traditional cardiopulmonary bypass," Dept of Cardiovascular Surgery, Centre Hospitalier Universitaire Vaudois (CHUV), Switzerland (9 pages).	
		Instructions for Use CORx System, CardioVention, Inc., Santa Clara, CA, 2001 (21 pages).	
		Complaint in CardioVention, Inc. v. Medtronic, Inc., U.S. District Court, District of Minnesota, Civil File No. 04-CV-02669 (16 pages).	
		Declaration of Ben F. Brian, Ph.D., in CardioVention, Inc. v. Medtronic, Inc., U.S. District Court, District of Minnesota, Civil File No. 04-CV-02669 (13 pages).	
		Plaintiff's Answers and Objections to Defendant's First Set of Interrogatories to Plaintiff in CardioVention, Inc. v. Medtronic, Inc., U.S. District Court, District of Minnesota, Civil File No. 04-CV-02669 (11 pages).	
		Memorandum of Law & Order in CardioVention, Inc. v. Medtronic, Inc., U.S. District Court, District of Minnesota, Civil File No. 04-CV-02669 (18 pages).	
		CardioVention CORx System 510(k) Summary dated June 16, 2001 (8 pages).	
		Matayoshi, et al., "Development of a Completely Closed Circuit Using an Air Filter in a Drainage Circuit for Minimally Invasive Cardiac Surgery," Artificial Organs, 24(6):454-458, 2000.	
		McCusker, et al., "High-flow femoro-femoral bypass utilizing small cannulae and a centrifugal pump on the venous side," Perfusion 1992; 7:295-300.	
		Hatteland, "Doppler Ultrasound Application in Cardiology and Cardiac Surgery," from the Thoracic Surgical Clinic, Karolinska Institutet, Stockholm, Sweden, 1985 (6 pages).	
		Memorandum in Support of Plaintiff's Motion to Compel Production of Documents in CardioVention, Inc. v. Medtronic, Inc., U.S. District Court, District of Minnesota, Civil File No. 04-CV-02669 (22 pages).	
<b>EXAMINER</b>		<b>Date Considered</b>	

**\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**